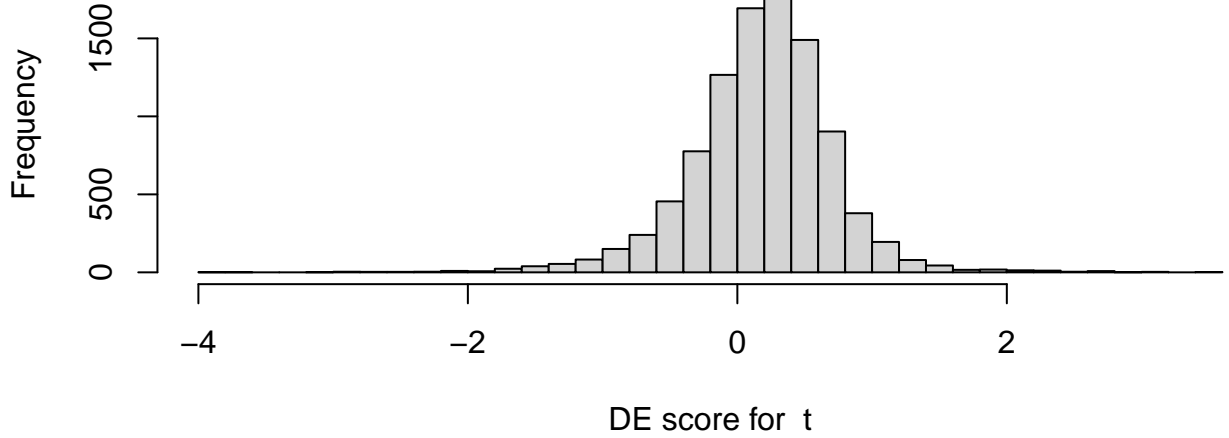
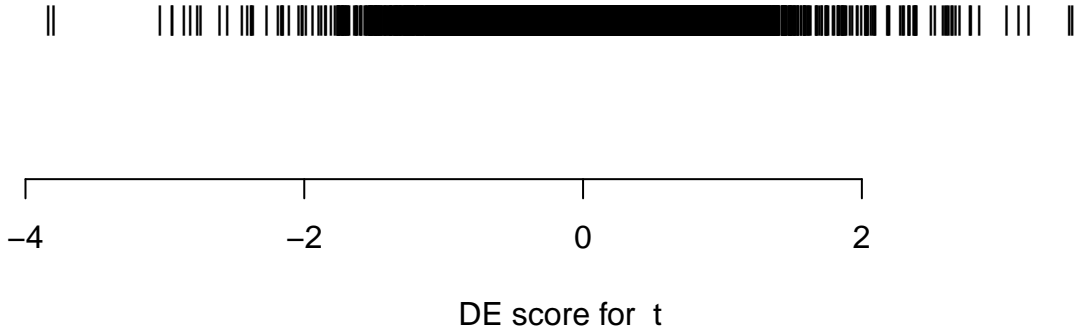


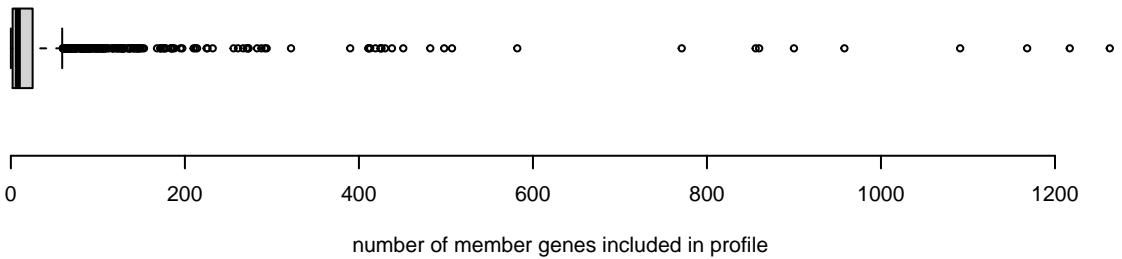
# Distribution of DE scores



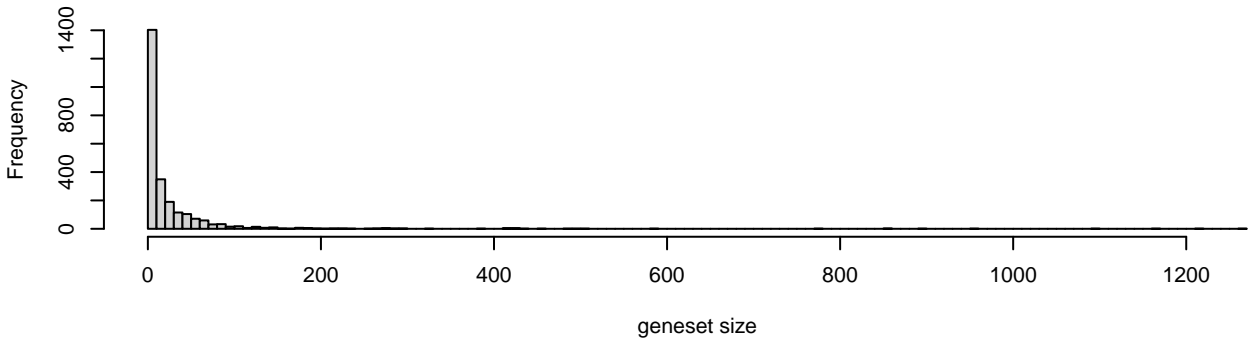
9869 genes in total, 6751 trending up-regulated, 3118 trending down-regulated



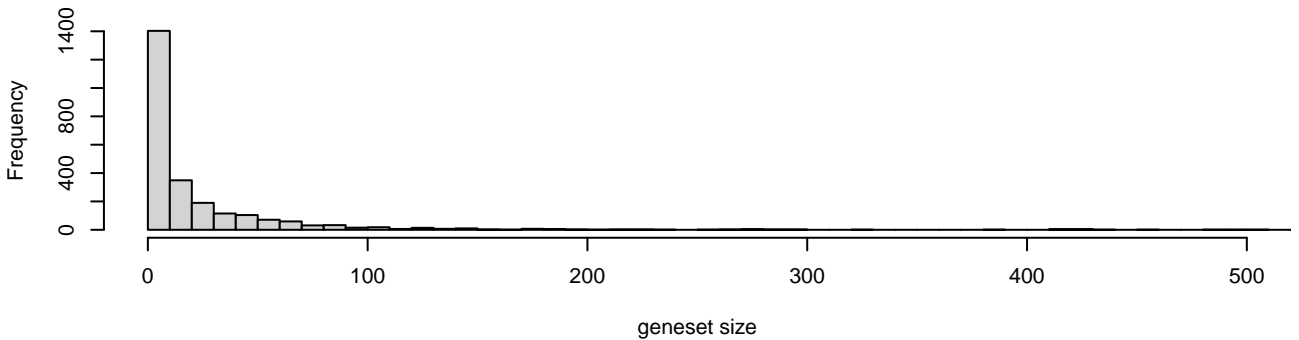
## Gene set size



## Histogram of geneset size

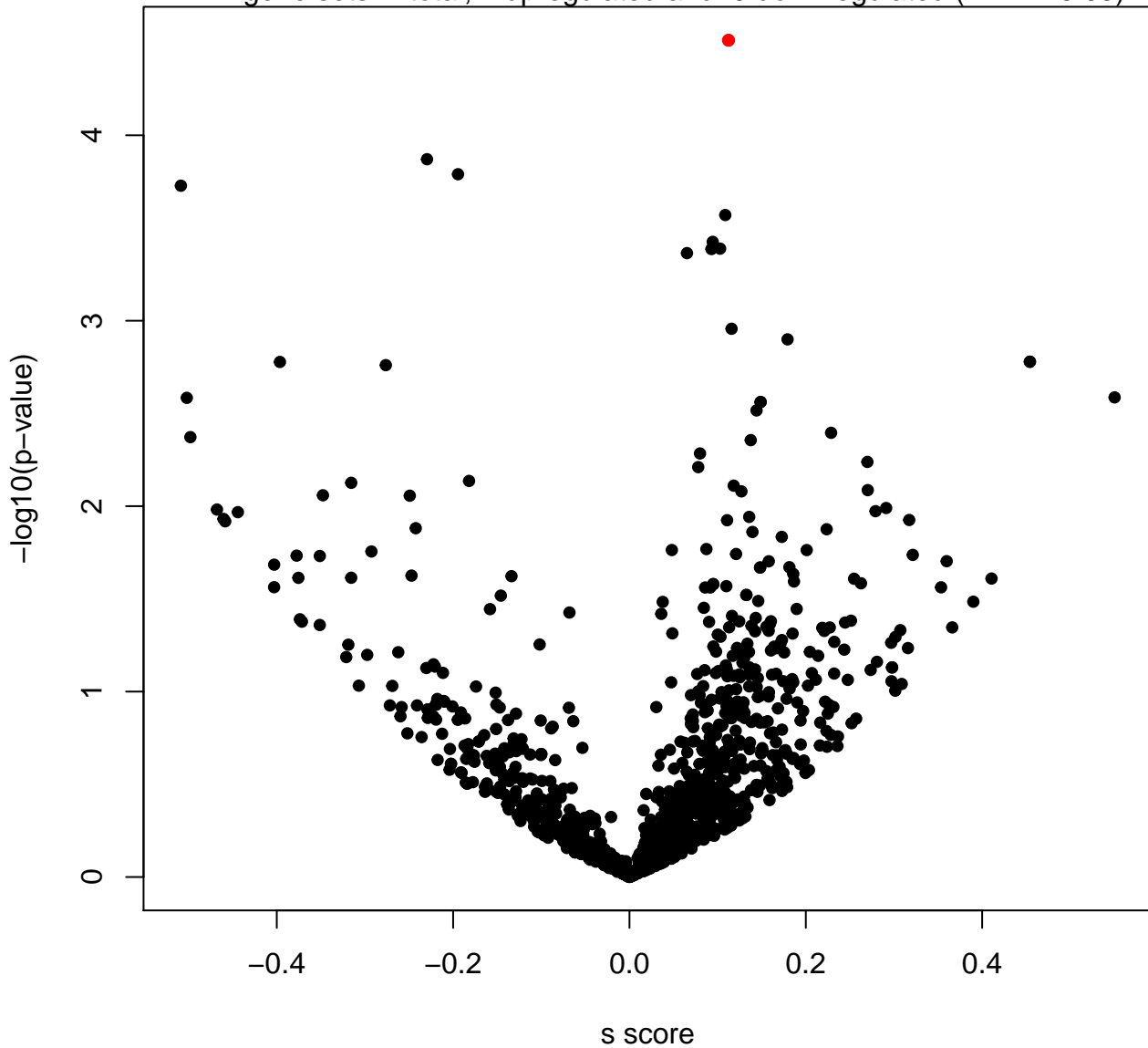


## Trimmed histogram of geneset size



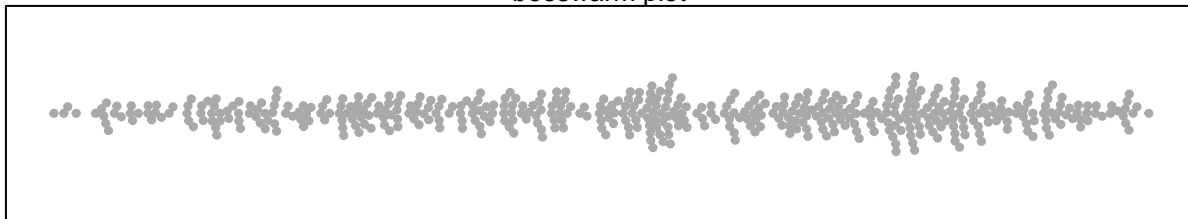
# volcano plot of gene set enrichments

1141 gene sets in total, 1 upregulated and 0 downregulated (FDR $\leq$ 0.05)



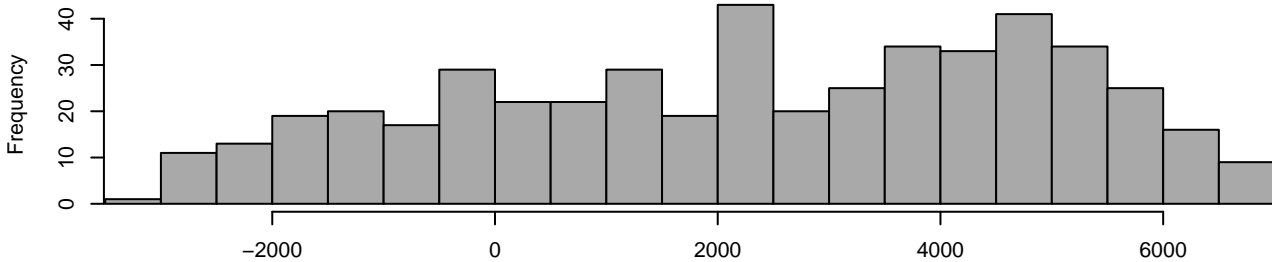
# Cell Cycle

beeswarm plot



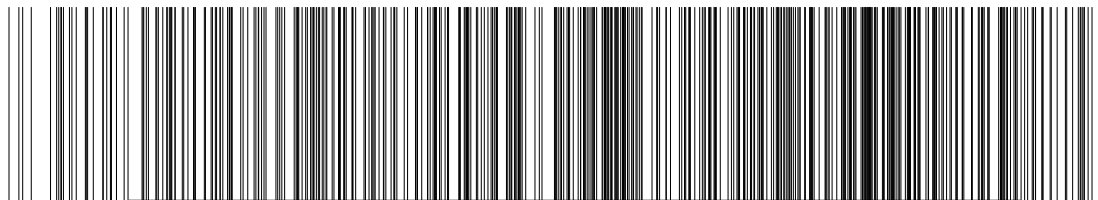
ranked DE score in: t

histogram



ranked DE score in: t

rugplot



-2000

0

2000

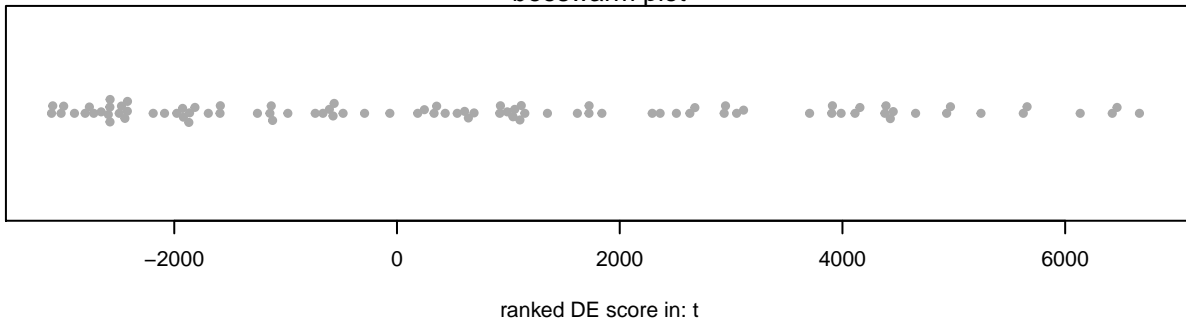
4000

6000

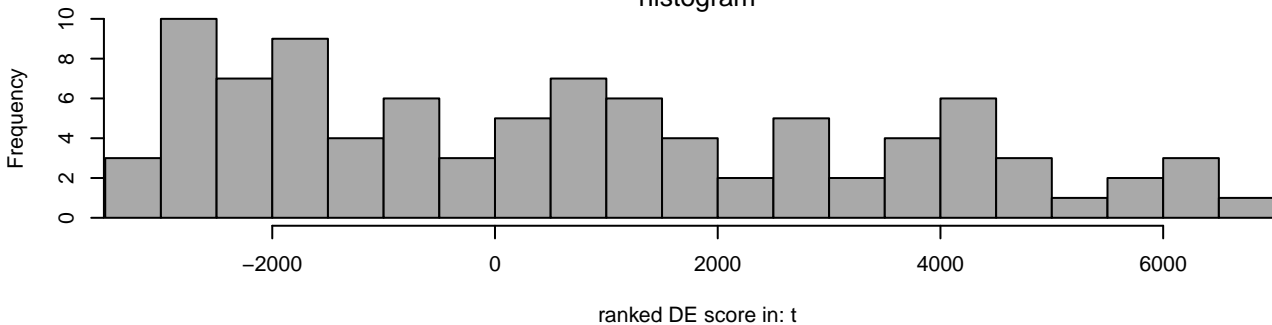
ranked DE score in: t

# Transmission across Chemical Synapses

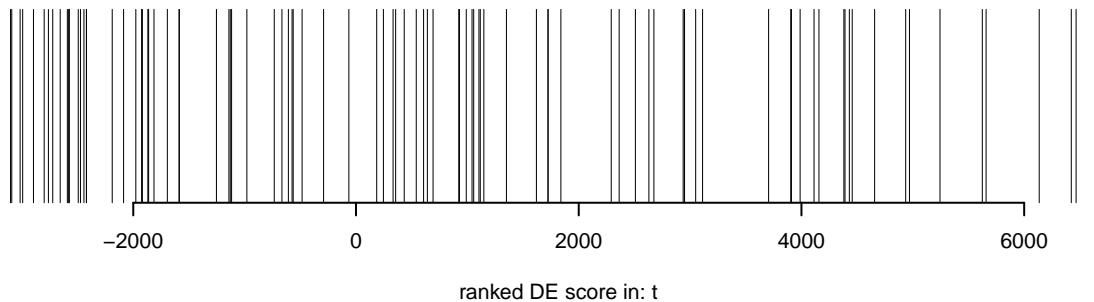
beeswarm plot



histogram



rugplot



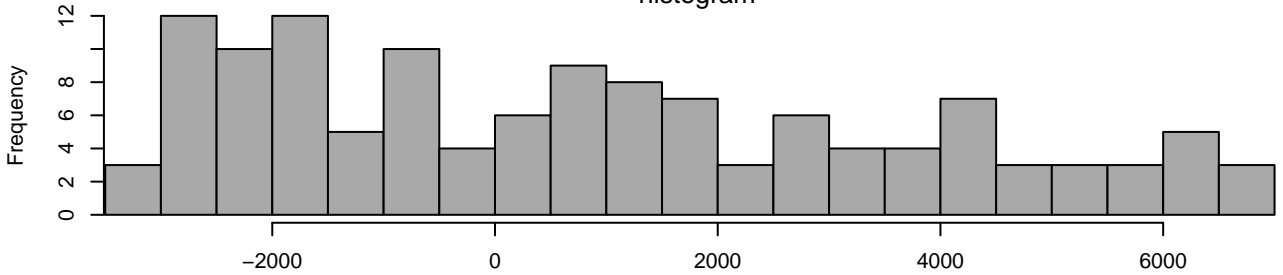
# Neuronal System

beeswarm plot



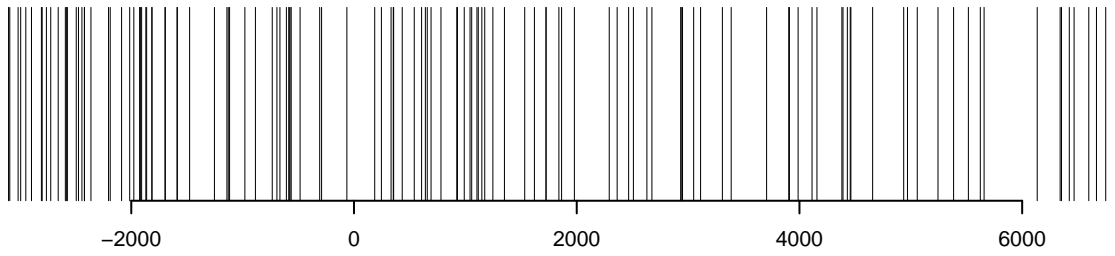
ranked DE score in: t

histogram



ranked DE score in: t

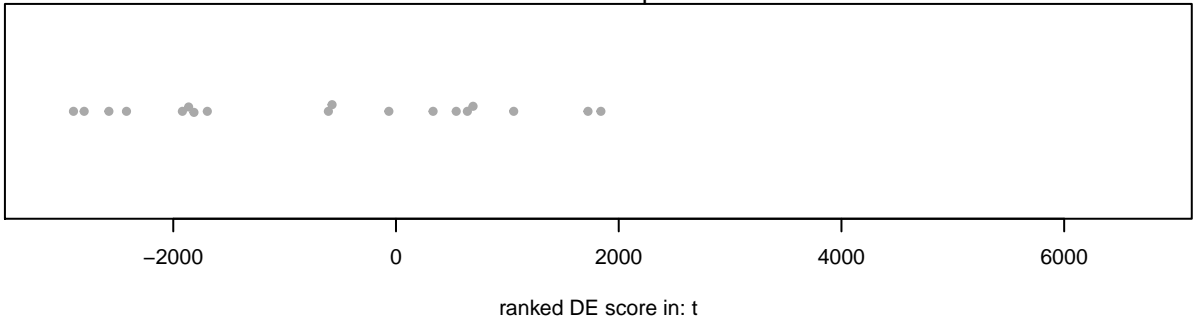
rugplot



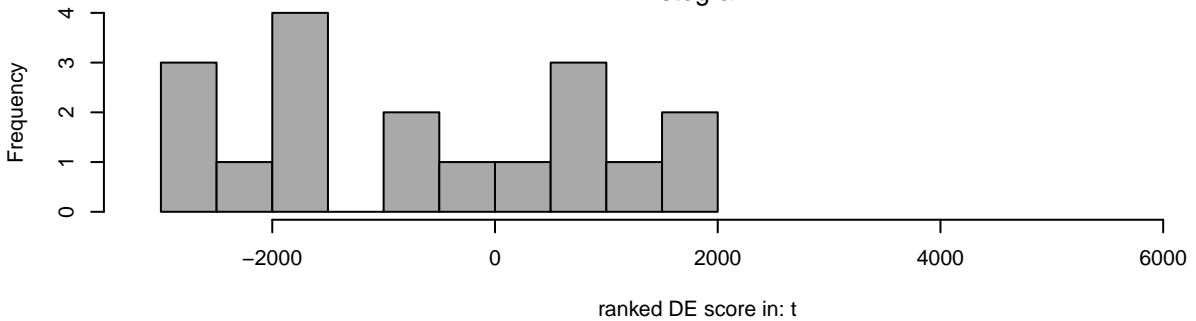
ranked DE score in: t

# Neurotransmitter release cycle

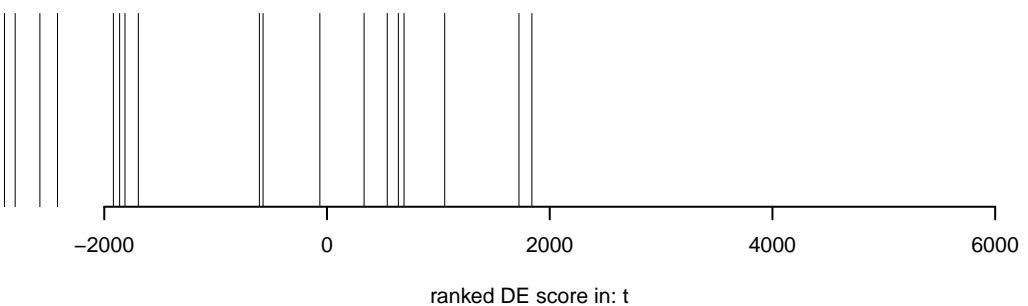
beeswarm plot



histogram

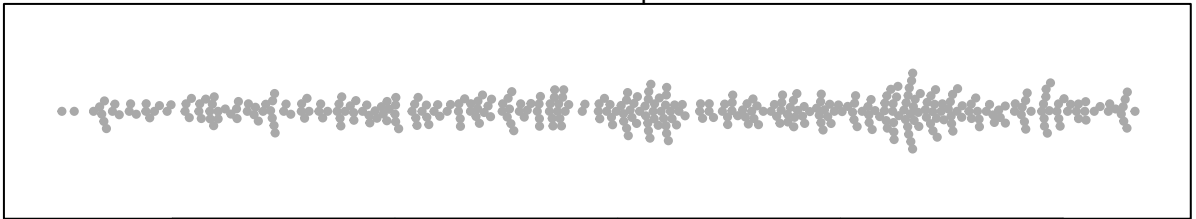


rugplot



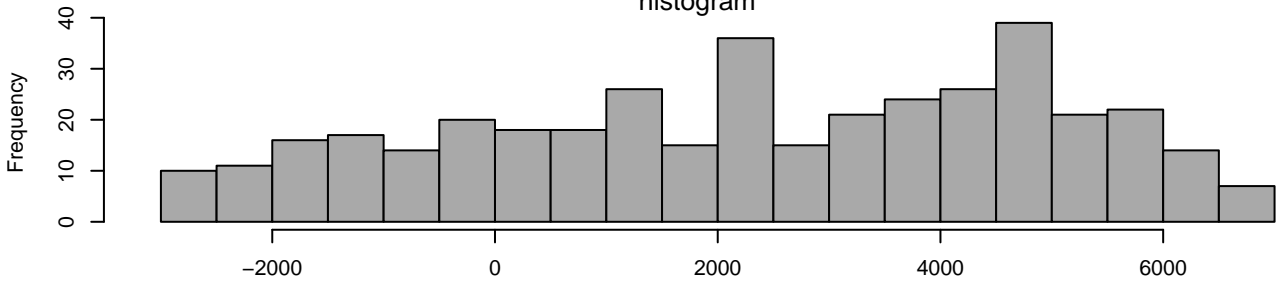
# Cell Cycle, Mitotic

beeswarm plot



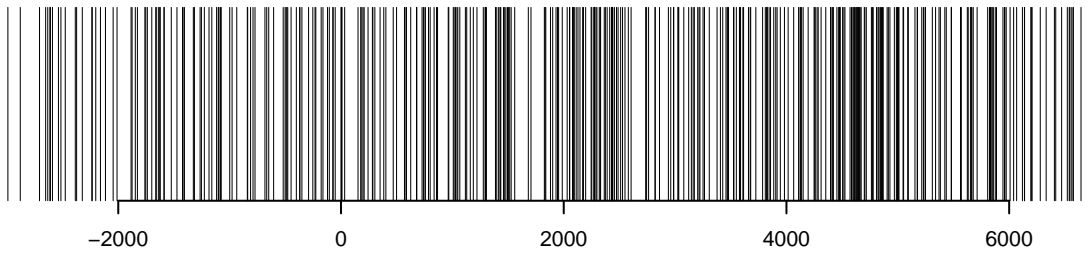
ranked DE score in: t

histogram



ranked DE score in: t

rugplot

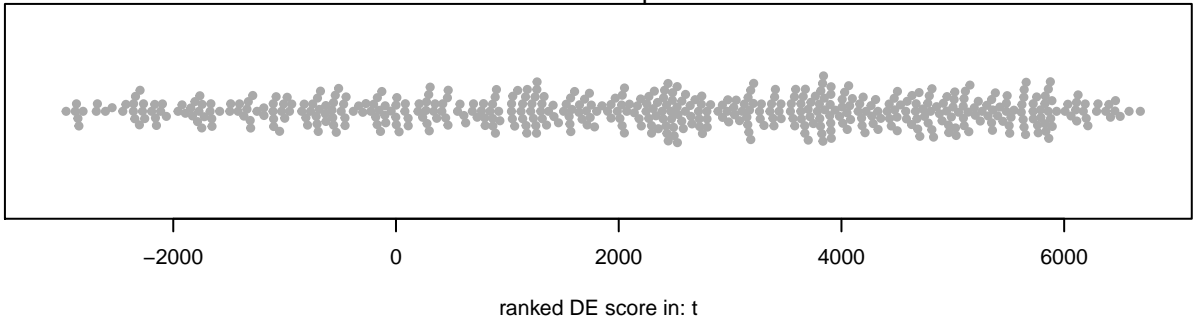


ranked DE score in: t

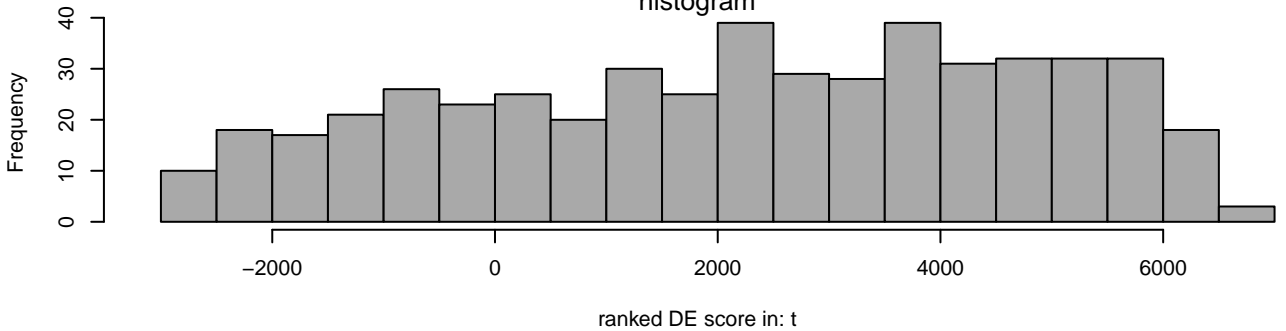


# Metabolism of RNA

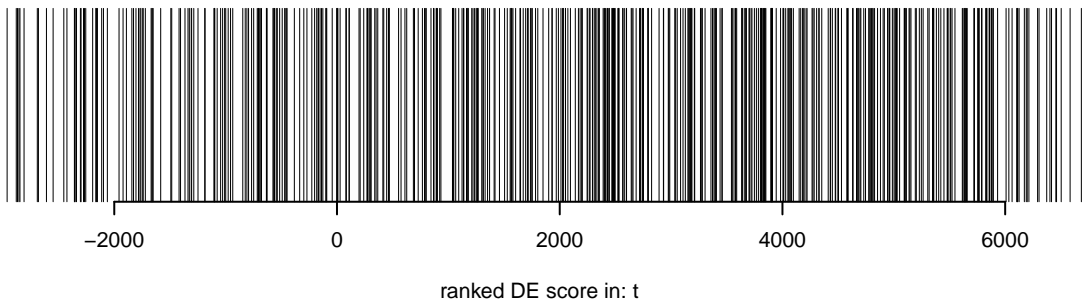
beeswarm plot



histogram

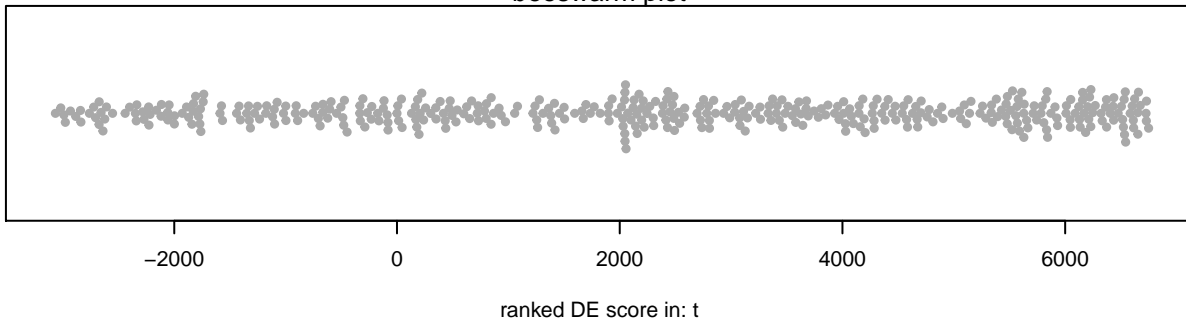


rugplot

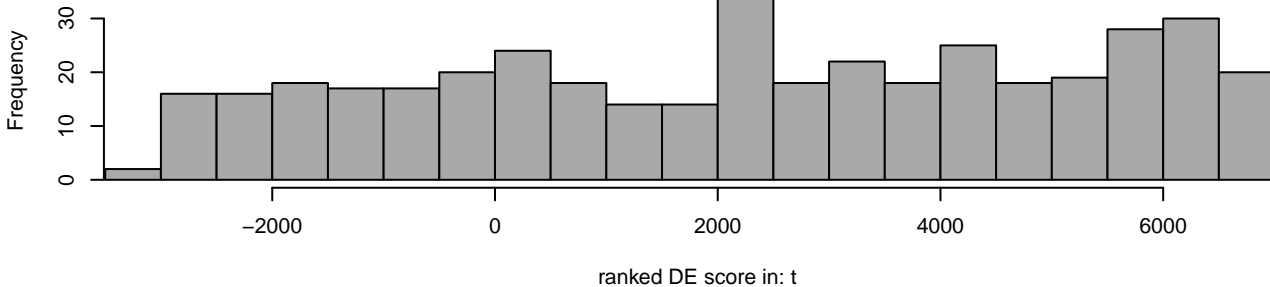


# Cytokine Signaling in Immune system

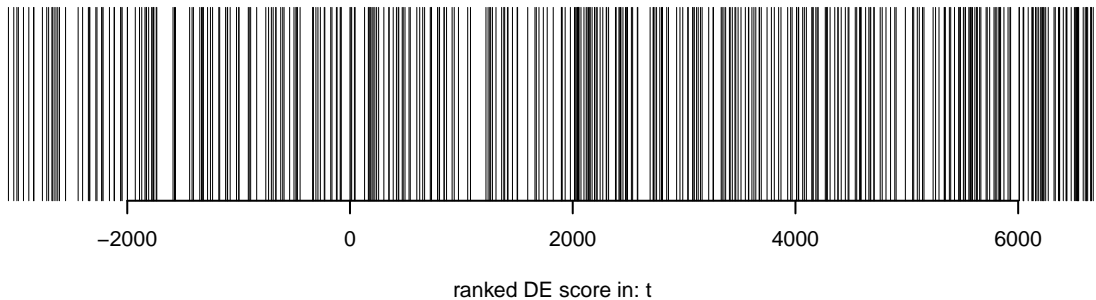
beeswarm plot



histogram

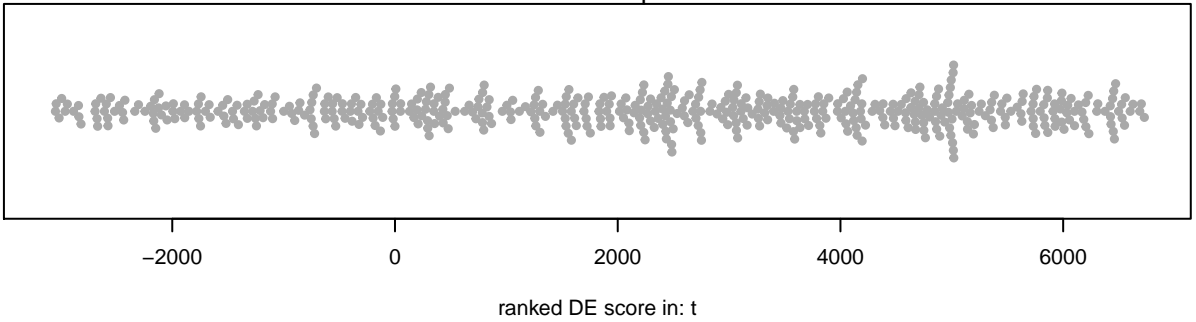


rugplot

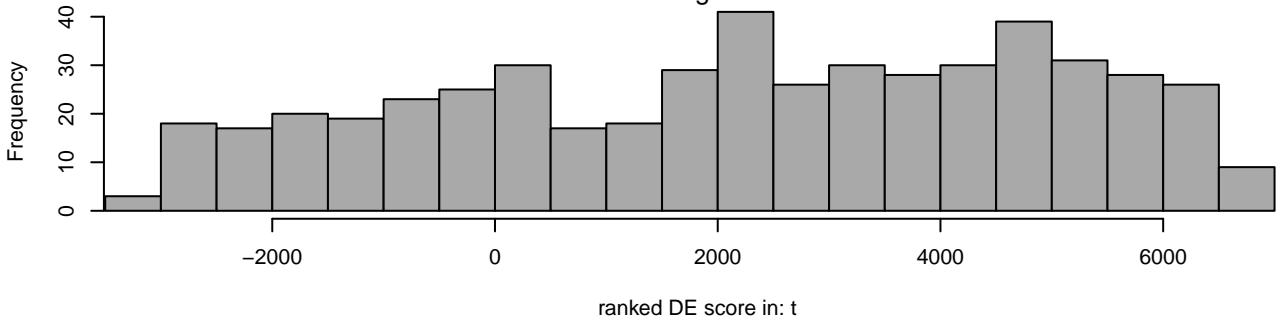


# Infectious disease

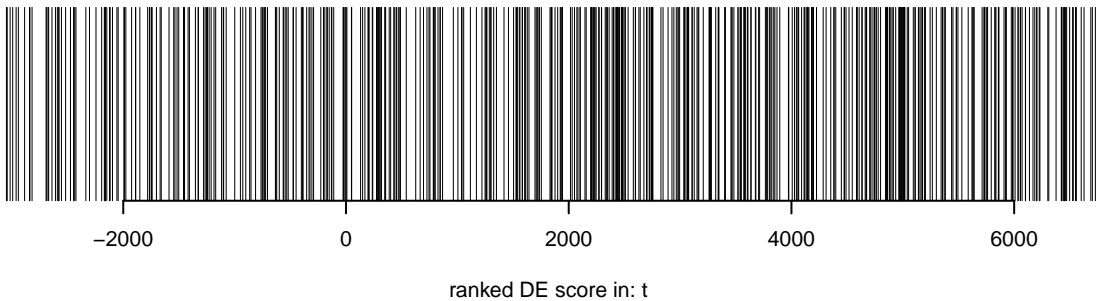
beeswarm plot



histogram

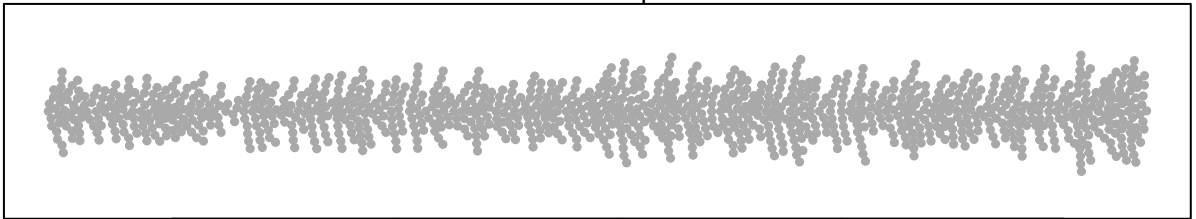


rugplot



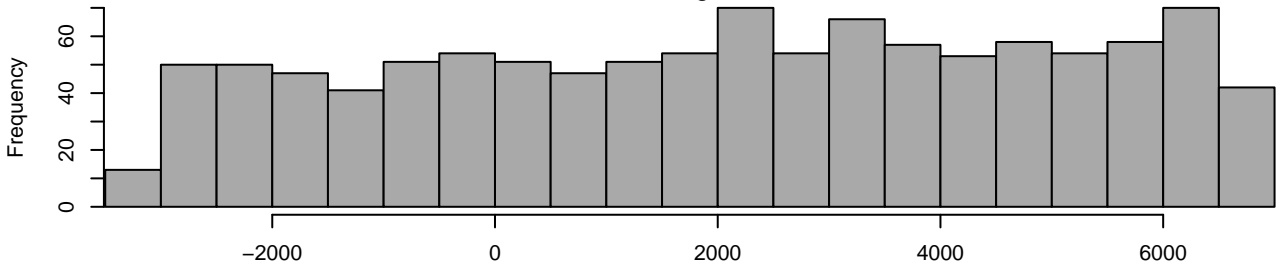
# Immune System

beeswarm plot



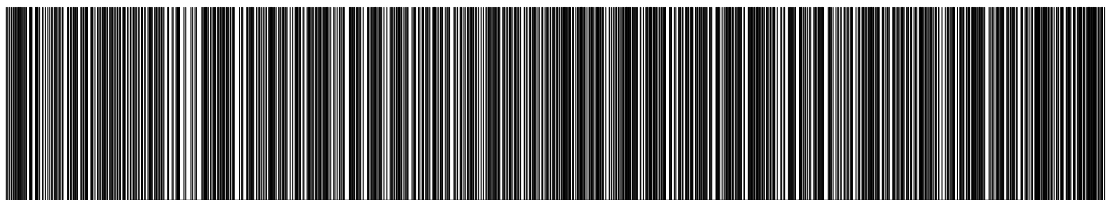
ranked DE score in: t

histogram



ranked DE score in: t

rugplot



-2000

0

2000

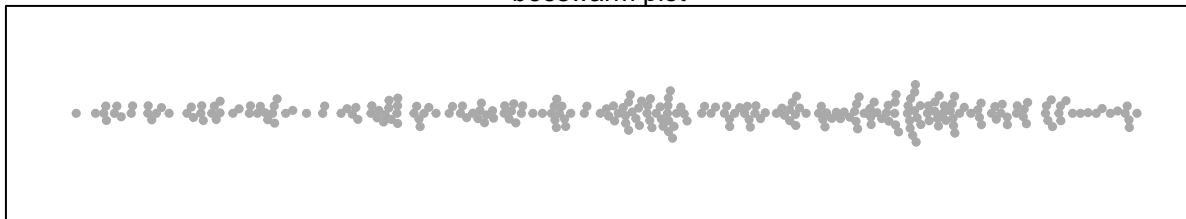
4000

6000

ranked DE score in: t

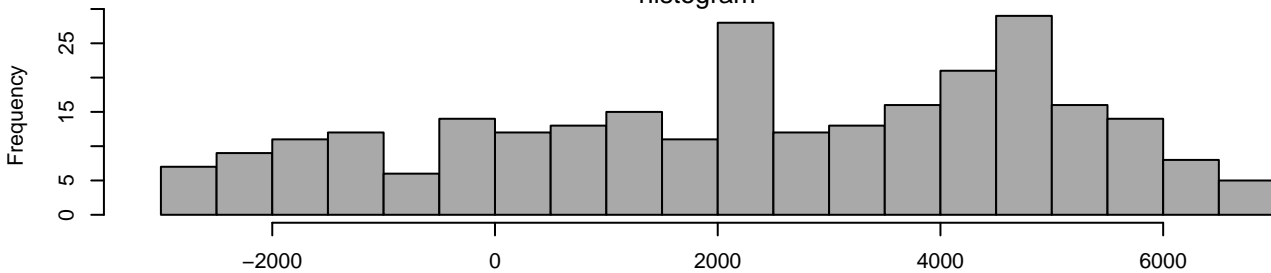
# M Phase

beeswarm plot



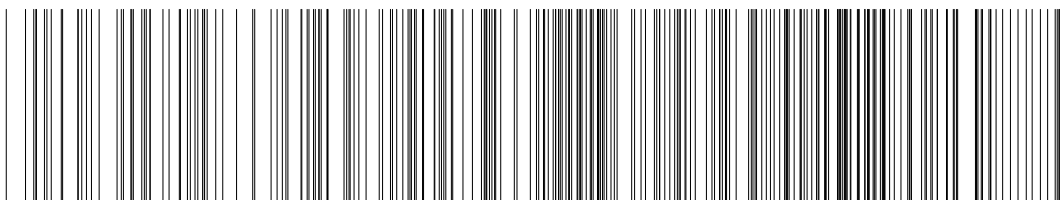
ranked DE score in: t

histogram



ranked DE score in: t

rugplot



-2000

0

2000

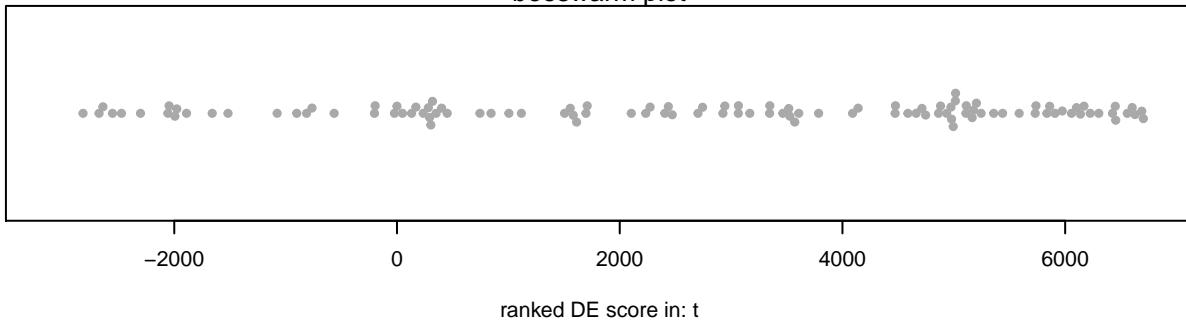
4000

6000

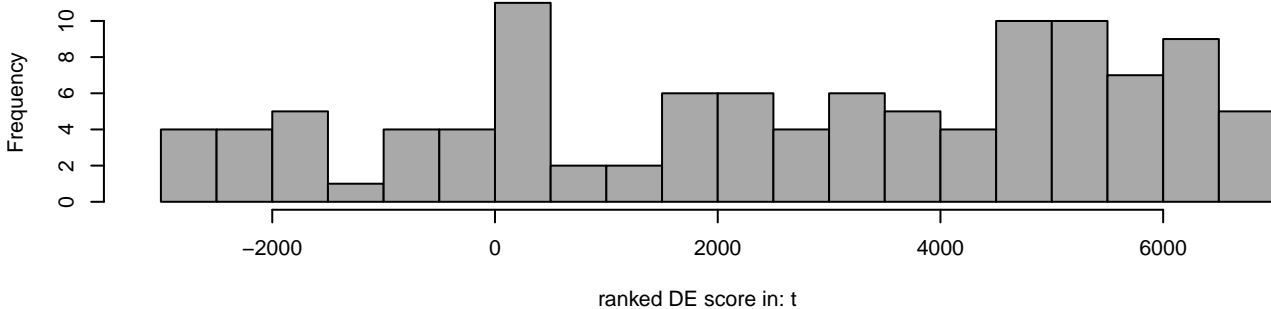
ranked DE score in: t

# SARS-CoV Infections

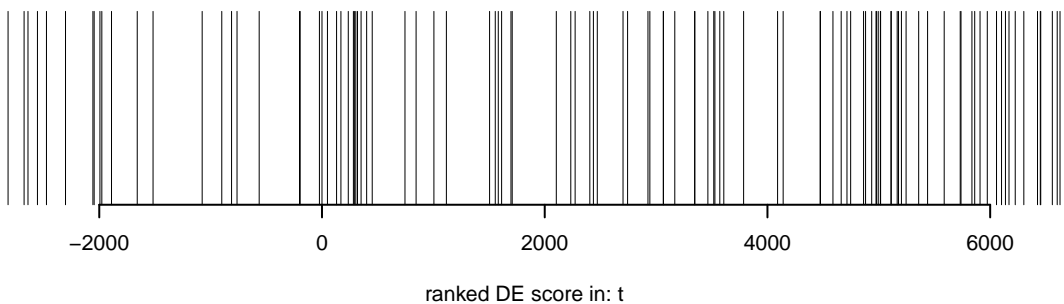
beeswarm plot



histogram

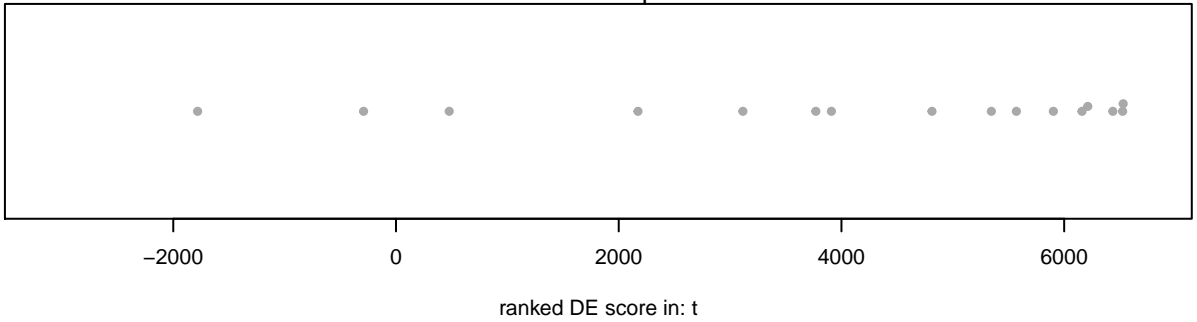


rugplot

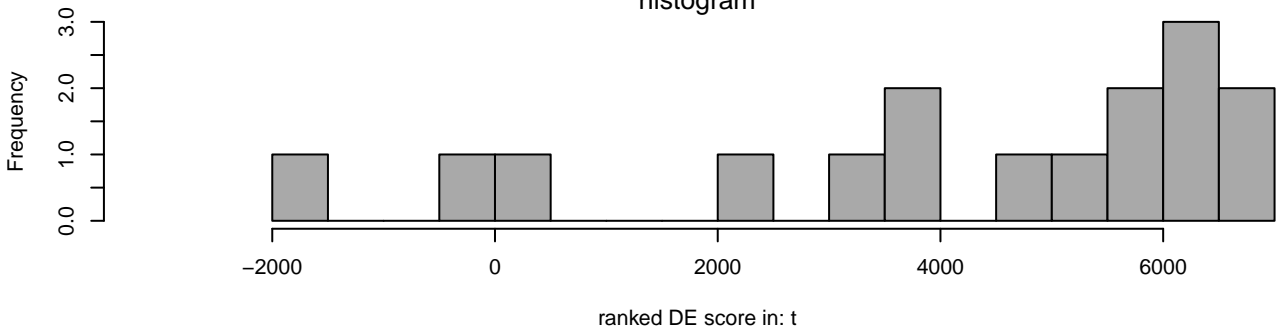


# Integrin signaling

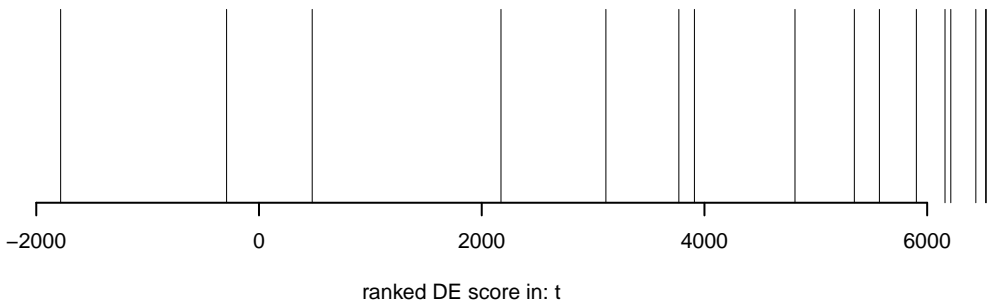
beeswarm plot



histogram

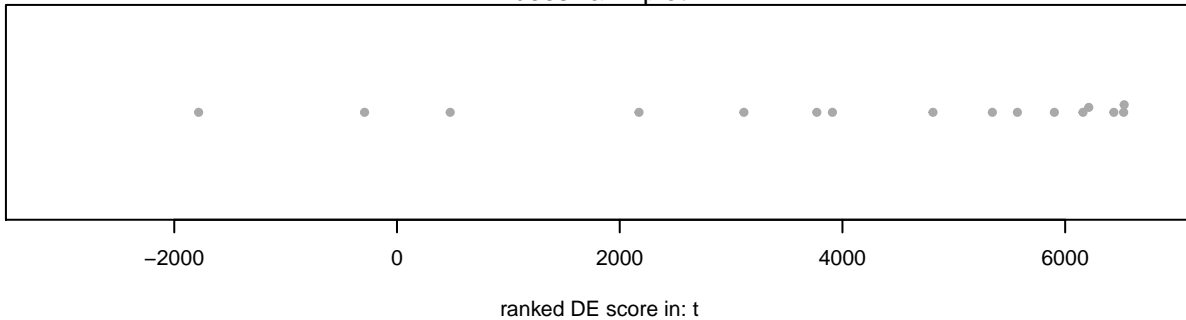


rugplot

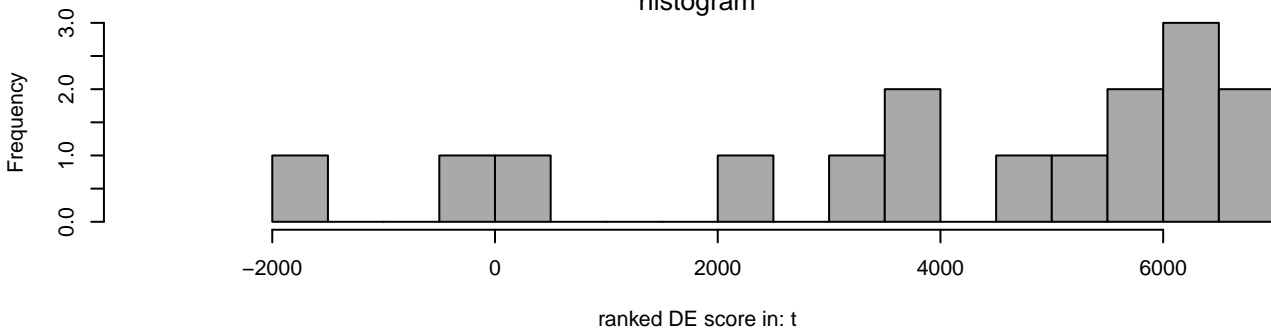


# Platelet Aggregation (Plug Formation)

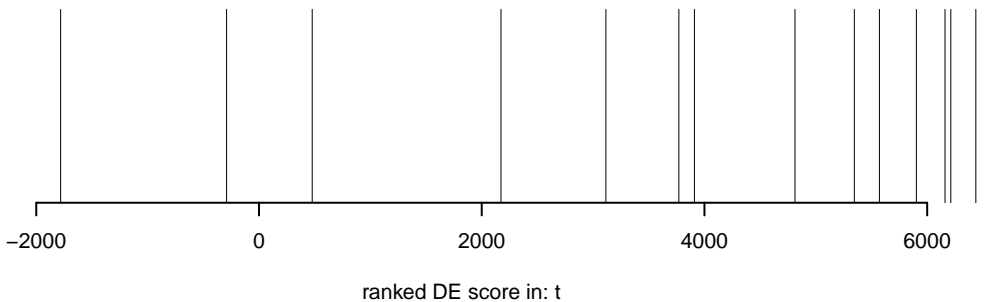
beeswarm plot



histogram



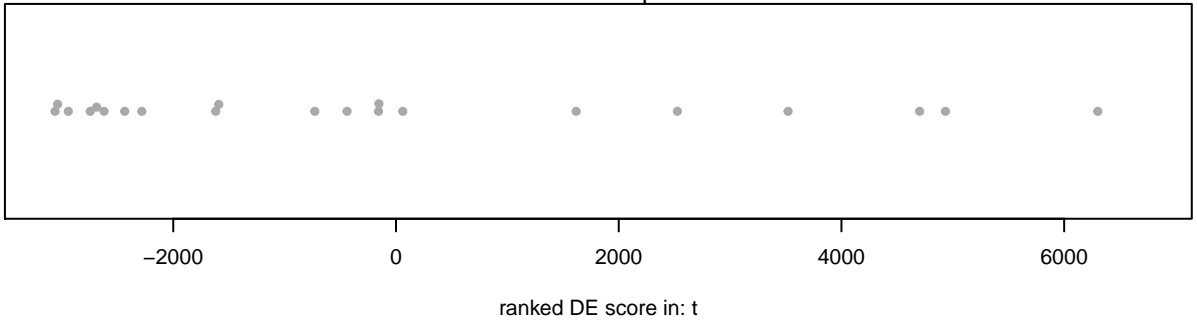
rugplot



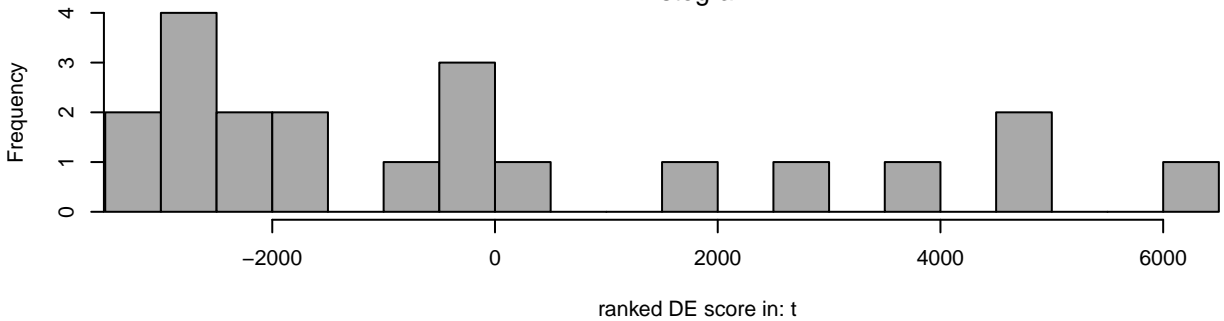


# Arachidonic acid metabolism

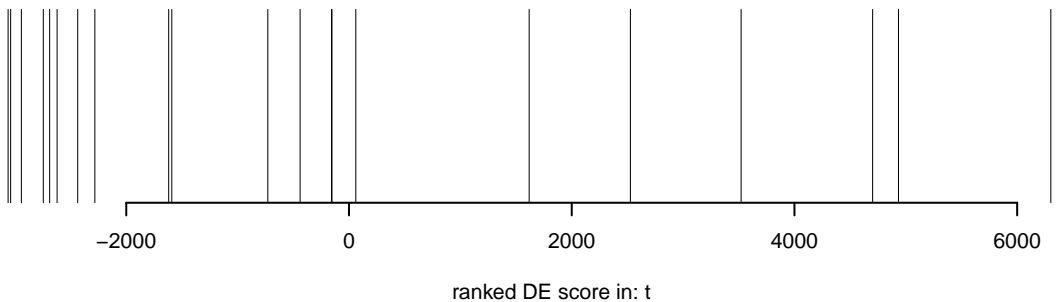
beeswarm plot



histogram

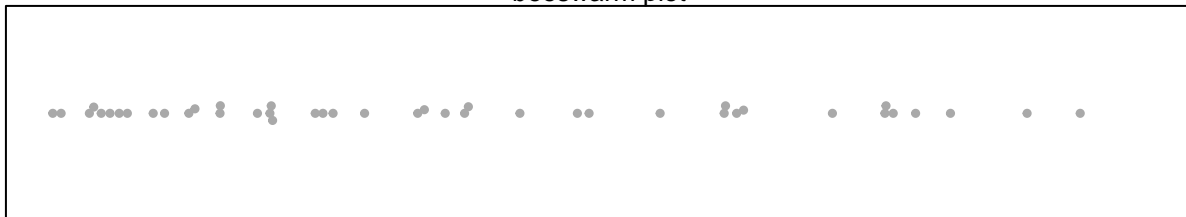


rugplot



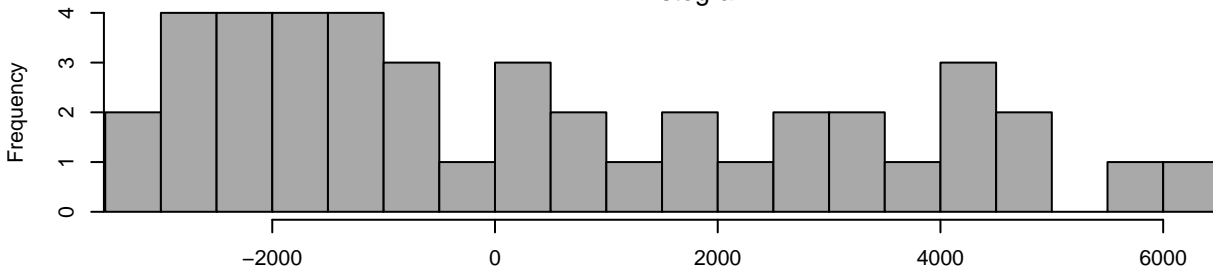
# Activation of NMDA receptors and postsynaptic events

beeswarm plot



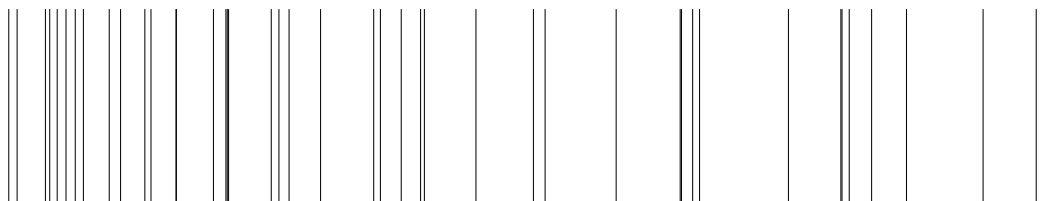
ranked DE score in: t

histogram



ranked DE score in: t

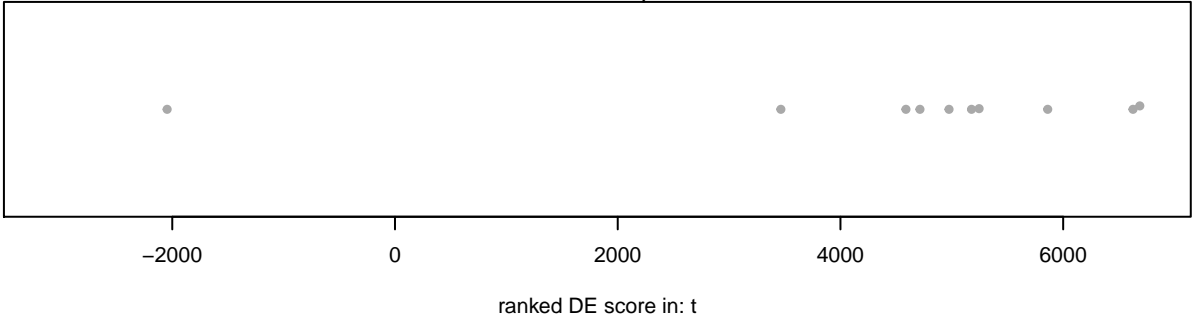
rugplot



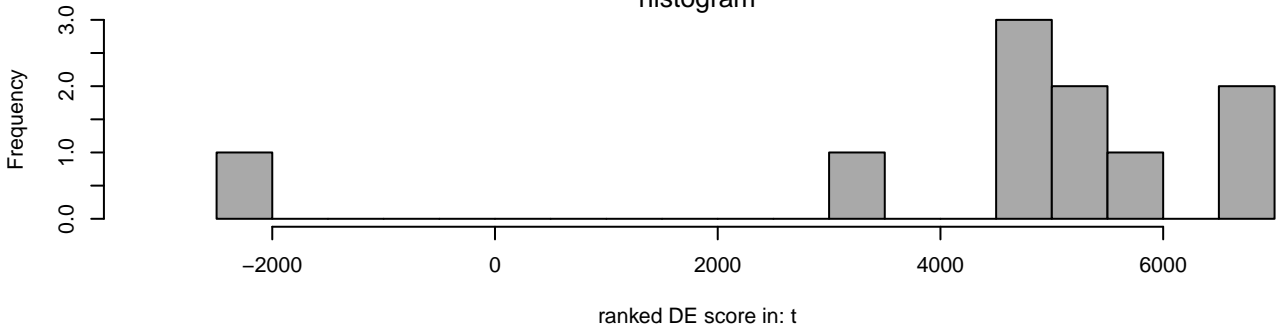
ranked DE score in: t

# Maturation of nucleoprotein

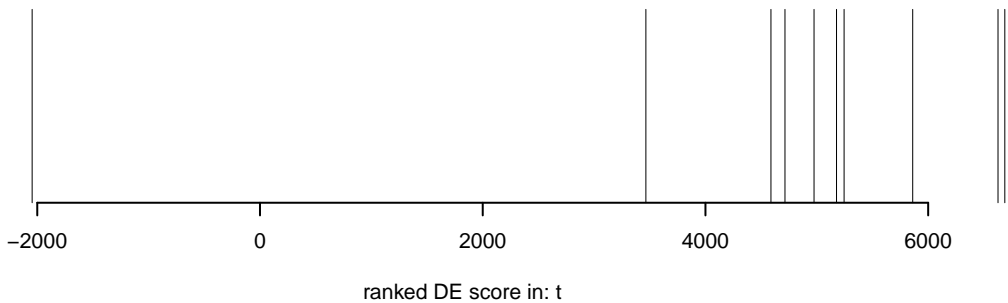
beeswarm plot



histogram

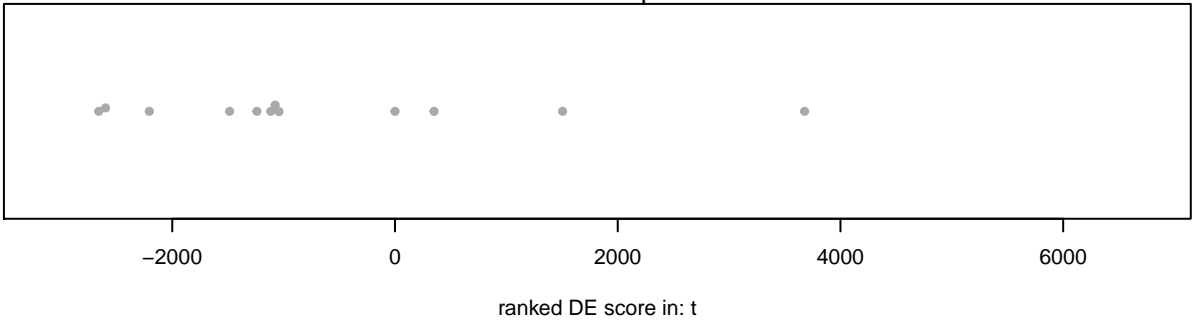


rugplot

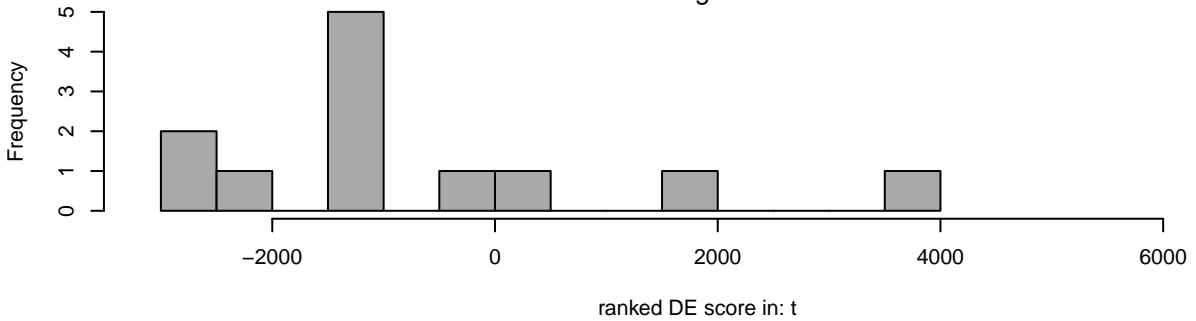


# Regulation of FZD by ubiquitination

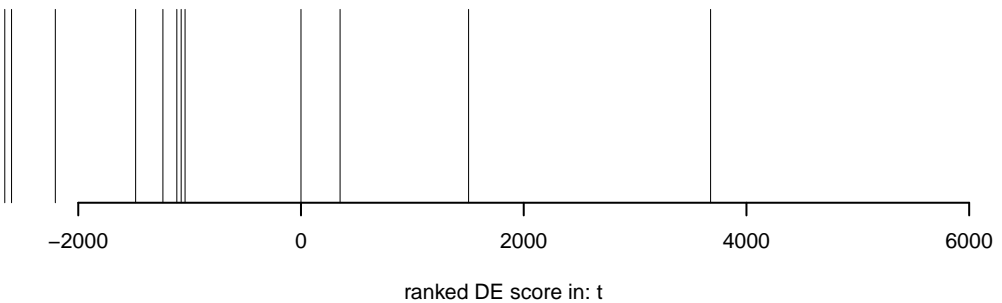
beeswarm plot



histogram

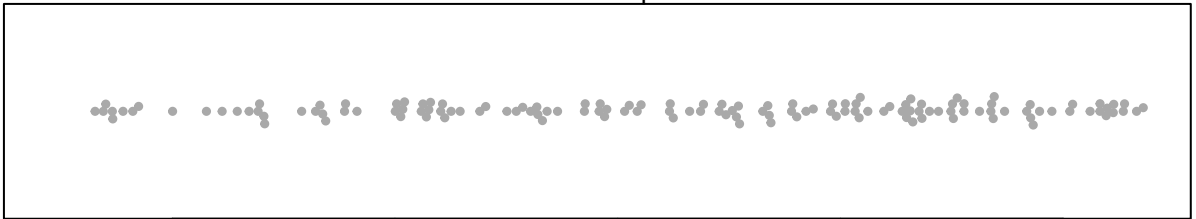


rugplot



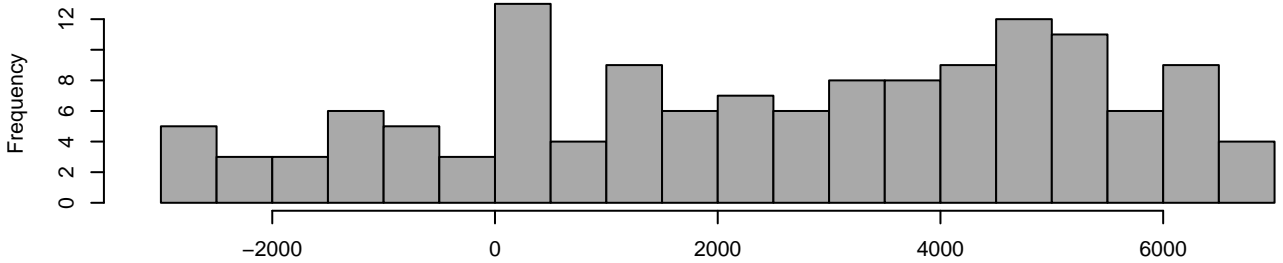
# Chromatin modifying enzymes

beeswarm plot



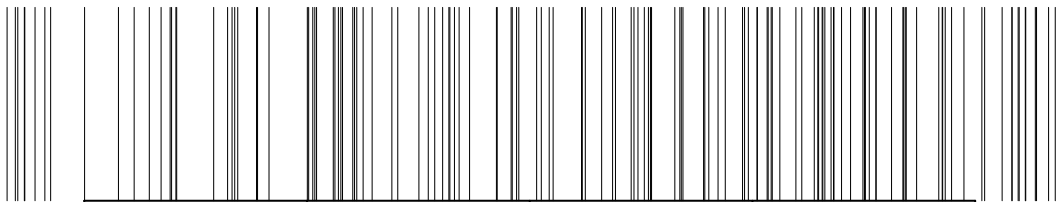
ranked DE score in: t

histogram



ranked DE score in: t

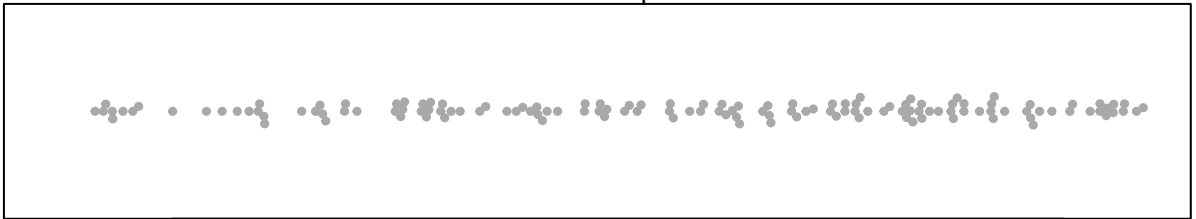
rugplot



ranked DE score in: t

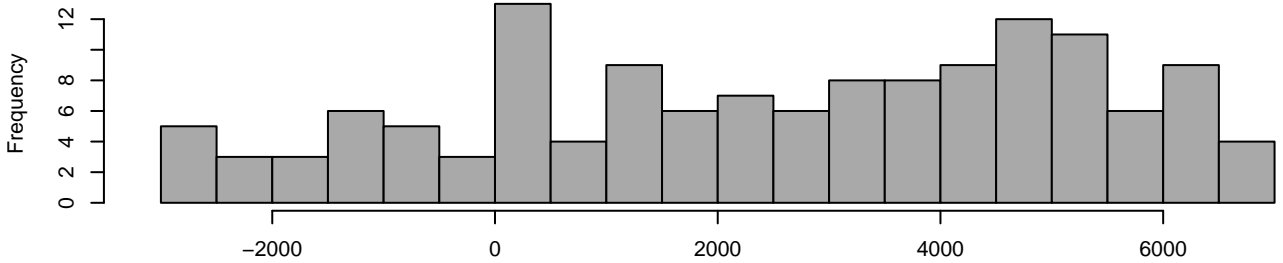
# Chromatin organization

beeswarm plot



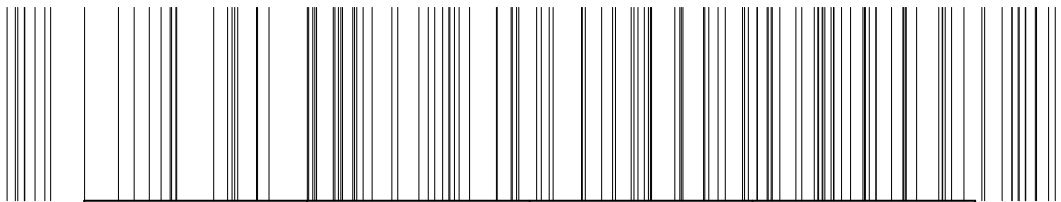
ranked DE score in: t

histogram



ranked DE score in: t

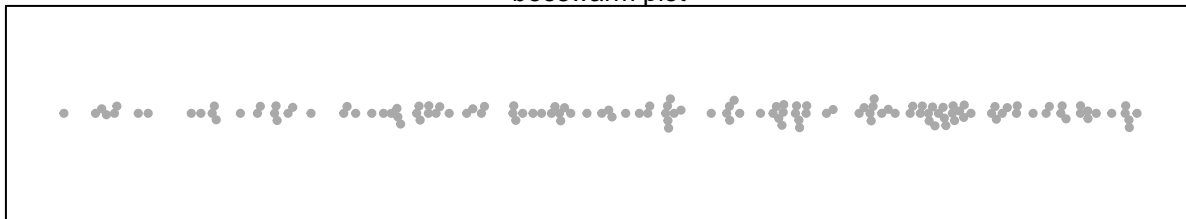
rugplot



ranked DE score in: t

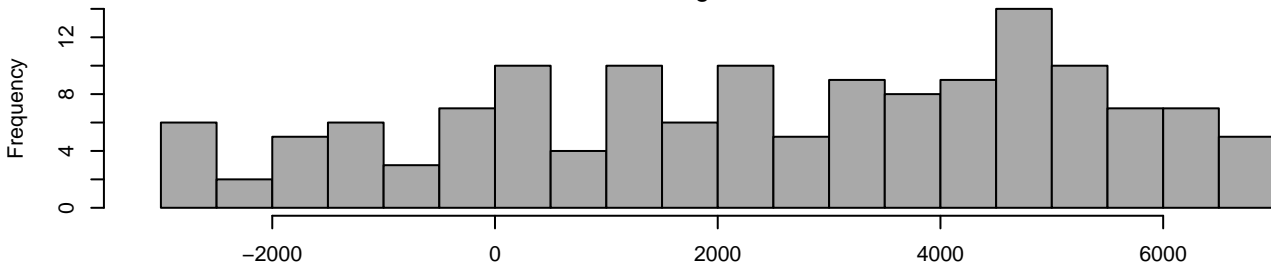
# G2/M Transition

beeswarm plot



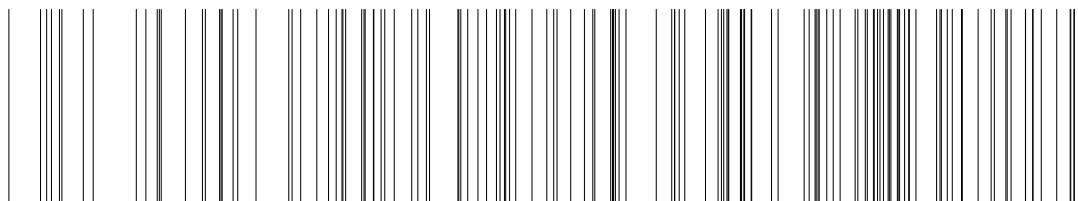
ranked DE score in: t

histogram



ranked DE score in: t

rugplot



-2000

0

2000

4000

6000

ranked DE score in: t